05/09/2008 Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A device for needle-free injection of a medium into the tissue of a human or an animal, comprising a needle-free pre-injection device comprising a first chamber accommodating a pre-injection medium for production of a high-pressure jet of a the pre-injection medium for producing an injection channel by means of a high pressure and a small volume, and a main injection device comprising a second chamber accommodating a medium to be injected, the medium being injected for introduction of the medium to be injected, with a great volume and a low pressure in comparison with the volume and pressure of the pre-injection device;

wherein a nozzle intended to be set onto the skin is connected with the chamber of the pre-injection device and with the outlet of the main injection device by way of a kick-back valve, and wherein a pressure-production device that is connected with the chamber of the pre-injection device is configured to produce a high-pressure jet from the nozzle that penetrates the tissue, whereby the chamber of the pre-injection